

Converting Colors

YUV(173.6020, -73.2608,
71.3860)

Have a look what the booklet for
YUV(173.6020, -73.2608, 71.3860)
contains.

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Color

**YUV(173.6020, -73.2608,
71.3860)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFA119 |
| RGB | 255, 161, 25 |
| RGB Percent | 100%, 63%, 10% |
| CMY | 0.0000, 0.3686, 0.9020 |
| CMYK | 0.00, 0.37, 0.90, 0.00 |
| HSL | 35°, 100%, 55% |
| HSV | 35°, 90%, 100% |
| XYZ | 54.1603, 46.8199, 7.1023 |
| YIQ | 173.6020, 99.6800, -22.3680 |

Conversions

Conversions Part 2

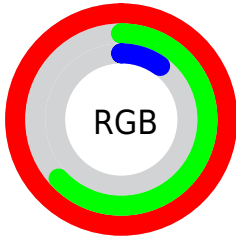
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 184, 255, 25 |
| Decimal | 16752921 |
| CIELab | 74.07, 26.27, 74.79 |
| CIELCh | 74, 79.273, 70.644 |
| Yxy | 46.8199, 0.5011, 0.4332 |
| Android (android.graphics.Color) | 4294943001 (0xFFFFA119) |
| YUV | 173.6020, -73.2608, 71.3860 |
| Hunter-Lab | 68.4251, 21.5438, 41.7435 |

Details

The YUV color **173.6020, -73.2608, 71.3860** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **106.3980, 73.2608, -71.3860**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.0690, -61.6590, 36.7735**, and **121.3910, -59.8458, 61.9241** is the 20% darker color. If you saturate the color by 10%, you get **164.8820, -81.2868, 79.0335**, and if you desaturate by 10%, it is **182.3220, -65.2347, 63.7386**.

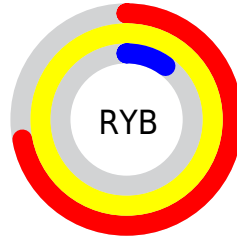
Distribution



Red (100%)

Green (63%)

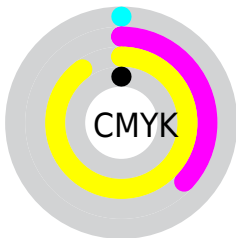
Blue (10%)



Red (72%)

Yellow (100%)

Blue (10%)

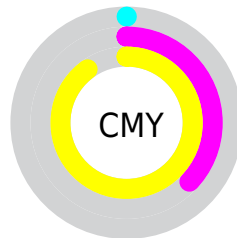


Cyan (0%)

Magenta (37%)

Yellow (90%)

Black (0%)



Cyan (0%)

Magenta (37%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.6020, -73.2608, 71.3860 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 173.6020, -73.2608, 71.3860 by changing the saturation by 10% instead.

173.6020,
-73.2608, 71.3860

173.6020,
-73.2608, 71.3860

255.0000, 0.0000,
0.0000

145.9220,
-71.9395, 67.5974

213.0690,
-61.6590, 36.7735

121.3910,
-59.8458, 61.9241

232.6970,
-57.5316, 19.5597

97.4470, -48.0414,
55.7360

242.3460,
-48.4846, 11.0976

74.9760, -36.9632,
49.1330

245.5380,
-36.2542, 8.2982

52.5050, -25.8850,
42.5301

248.8440,
-23.5871, 5.3988

30.6320, -15.1016,
37.1567

252.1500,

14.0530, -6.9281,

-10.9200, 2.4994

28.8945

■ 0.5980, -0.2948,
1.2296

■ 0.0000, 0.0000,
0.0000

■ 173.6020,
-73.2608, 71.3860

■ 173.6020,
-73.2608, 71.3860

■ 164.8820,
-81.2868, 79.0335

■ 182.3220,
-65.2347, 63.7386

■ 191.7430,
-57.0613, 55.4764

■ 200.4630,
-49.0353, 47.8289

■ 209.8840,
-40.8618, 39.5667

■ 218.6040,
-32.8358, 31.9193

■ 228.0250,
-24.6623, 23.6571

■ 236.7450,
-16.6363, 16.0096

■ 245.5790, -8.1734,
8.2622

254.8860, -0.4368,
0.1000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



162.2280, -35.6084, 81.3610



173.6020, -73.2608, 71.3860



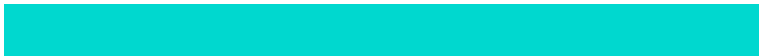
167.4760, -82.5657, 22.3845

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



173.6020, -73.2608, 71.3860



150.3900, 27.9087, -131.8920



182.8890, 35.5507, 30.7923

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



173.6020, -73.2608, 71.3860



106.3980, 73.2608, -71.3860

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



150.5550, 51.4914, -89.0637



173.6020, -73.2608, 71.3860



154.1010, 49.7432, -135.1466

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



173.6020, -73.2608, 71.3860



139.9650, -4.4197, -122.7493



148.2310, 52.6371, -129.9986



171.9590, 29.6002, 72.8270

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



173.6020, -73.2608, 71.3860



163.3750, -62.7959, -18.7459



148.2310, 52.6371, -129.9986



178.2830, 37.8215, 2.3828

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



173.6020, -73.2608, 71.3860



230.6980, -22.0361, 21.3129



104.7140, 8.0290, 131.8008



113.3470, -12.9891, 12.8507



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



173.6020, -73.2608, 71.3860



164.8820, -81.2868, 79.0335



223.0990, -97.6628, 11.3142



122.9960, -3.9420, 4.3885



123.4400, -60.8559, 59.2501



41.4420, -20.4309, 19.7834

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



106.3980, 73.2608, -71.3860



90.1180, 81.2868, -79.0335



56.9010, 97.6628, -11.3142



119.4170, 4.2314, -3.8737



67.5600, 60.8559, -59.2501



22.5580, 20.4309, -19.7834

Previews

White Background



This preview shows how the YUV color 173.6020, -73.2608, 71.3860 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 173.6020, -73.2608, 71.3860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 173.6020, -73.2608, 71.3860

Background



This preview shows how black text looks on a background with the YUV color 173.6020, -73.2608, 71.3860.



This preview shows how white text looks on a background with the YUV color 173.6020, -73.2608, 71.3860.

71.3860.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

173.6020, -73.2608, 71.3860

Protanopia

172.5490, -69.7837, 29.3365

Deuteranopia

171.5320, -80.6213, 52.1534



Tritanopia

184.6380, -10.6675, 61.7075

Trichromacy



Original Color

173.6020, -73.2608, 71.3860

Protanomaly

173.0070, -70.9955, 44.7209

Deuteranomaly

172.5590, -78.1696, 59.1458

Tritanomaly

180.6990, -33.3756, 65.1620

Monochromacy



Original Color

173.6020, -73.2608, 71.3860

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.5800, -26.4149, 25.8013

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.6020, -73.2608, 71.3860 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 161, 25)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 25)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 161, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 25) }
```

Border

The CSS property to change the border of an element to YUV 173.6020, -73.2608, 71.3860 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 161, 25) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 161, 25) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 161, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 25);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 173.6020, -73.2608, 71.3860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 25) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
161, 25) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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